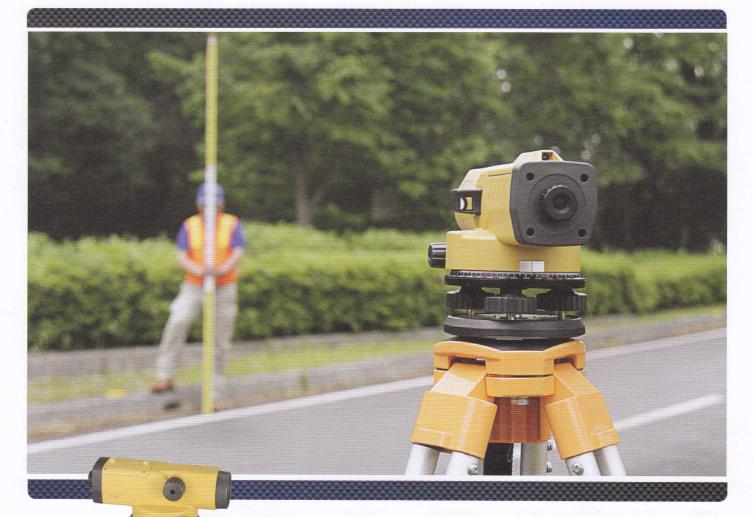


# **AT-B** Series

**AUTO LEVEL** 



# **Durable**, Dependable, **High Value Auto Levels**

- 3 Models 32x, 28x, and 24x Magnifications
- Rapid, Accurate, and Stable Automatic Compensation
- Ultra-Short 20cm (7.9 in.) Focusing
- All-Weather Dependability
- Clampless, Endless Fine Horizontal Adjustments

AT-B2 High-precision model



AT-B3A

Versatile model for surveying, engineering and construction



Economical model for engineering and construction



**32**x

Objective Aperture **42**mm

0.7<sub>mm</sub>

1.85kg

28x

**36**mm

1.5<sub>mm</sub>

24x

**32**mm

2.0mm

Minimum Focus **20**cm

IPX6

20cm

IPX6

1.5kg

20cm IPX6

1.5 kg



### Rapid, Stable, and Durable Compensator

The compensator of the AT-B series incorporates four suspension wires made of super-high-tensile metal that features minimal thermal expansion coefficient, providing unmatched durability and accuracy. Finely tuned magnetic damping system quickly levels and stabilizes the line of sight despite the fine vibrations present when working near heavy equipment or busy roadways.



### 20cm (7.9 in.) - Ultra-Short Minimum Focus

The AT-B series can focus on objects at 20cm (7.9 in.) in front of the telescope. This feature dramatically facilitates the works in confined spaces.

### **Horizontal Circle for Angle Measurement**

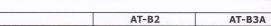
Horizontal angles can be directly read in 1° or 1gon units. Free rotation feature allows you to read any angle from zero.



### **All-Weather Dependability**

With the IPX6 rating, the instrument is protected against powerful water jets from all directions, meaning the AT-B series withstands a sudden shower or torrential rainfall.

The advanced protection design also deters clouding or condensation inside the telescope.



		AT-B2	AT-B3A	AT-B4A
Telescope				
Length		215mm (8.46in.)	214mm (8.42in.)	
Magnification		32X	28X	24X
Objective Aperture		42mm (1.65 in.)	36mm (1.42 in.)	32mm (1.26 in.)
Resolving Power		3"	3.5"	4"
Field of View (at 100m/328ft.)		1°20' (2.3m / 7.5ft.)	1°25′ (2.5m / 8.2ft.)	
Minimum Focus		0.2m (7.9 in.) from end of telescope		
		0.3m (1ft.) from instrument center		
Image		Erect		
Stadia Constant		0		
Stadia Ratio		100		
Focusing Knob		2-speed	1-sr	peed
Sighting Aid		Peep	Sight	Gun Sight
Accuracy (1km o	double ru	n leveling)		
Without Micrometer		0.7mm (0.03 in.)	1.5mm (0.06 in.)	2.0mm (0.08 in.)
With Micrometer		0.5mm (0.02 in.)	n/a	
Compensator				
Туре		Pendulum compensator with magnetic damping system		
Setting Accuracy		0.3"	0.5"	
Working Range		±15'		
Circular Level				
Sensitivity		10' / 2mm		
Horizontal Circle	9			
Diameter		103mm (4.1in.)	99mm (3.9in.)	
Minimum Division		1°/ 1gon		
General				
Water Resistance		IPX6 (IEC 60529:2001)		
Operating Temperature		-20 to +50°C (-4 to +122°F)		
_	Width	130mm (5.12in.)		
_	Length	215mm (8.46in.)	214mm (8.4in.)	
	Height	140mm (5.51in.)		
Weight		1.85kg (4.1lbs.)	1.5kg (3.3lbs.)	

**SPECIFICATIONS** 

### **Standard Package/ Optional Accessories**



- AT-B Level
- · Cleaning cloth
- Hex wrench
- Lens cap
- Adjusting pins
- User manual
- Vinyl cover (AT-B2/B3A)
  - A) Hard carrying case
- Plumb bob(AT-B2/B3A)



Diagonal Eyepiece DE16 (AT-B2)



Optical Micrometer OM5 (AT-B2)



40x Eyepiece EL5 (AT-B2)

# **TOPCON**

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